

iHP[®] Decontamination Equipment

Technical Specifications

Compact and lightweight. Affordable and efficacious.

SixLog iHP[®] (ionized Hydrogen Peroxide) technology and equipment provides room decontamination for the elimination of environmental bio-contamination. Our technology delivers a six log reduction of biological organisms, including viruses, bacteria, fungi/mold, and microbial spores. SixLog's equipment is compact, lightweight and with its unique 50 foot, three pod umbilical design, can easily be mobilized for use in various settings and has a wide range of space configurations. Additionally, each pod can be controlled independently from a single generator to service separate areas simultaneously.

iHP[®] Technology

A proprietary liquid solution composed of 7.5% hydrogen peroxide is forced through a nozzle, creating a mist, which is then passed through a 17,000 volt arc that quickly disperses throughout the space, killing all airborne and surface microorganisms on contact. The process of ionizing the hydrogen peroxide delivers two key benefits:

- Rapid and uniform distribution of hydrogen peroxide mist throughout the entire space - The electrostatic charge imparted on the hydrogen peroxide mist causes it to act like a gas due to the mutually repulsive, positively charged particles. In addition, the positively charged particles are attracted to the negatively charged surfaces in the space, including cracks, crevices and hard-to-reach areas.
- Produces multiple antimicrobials - The disassociation of the liquid solution produces hydroxyl radicals and ROS (Reactive Oxygen Species) providing synergistic effects of multiple antimicrobials.

iHP[®] decontamination equipment set includes:

- > (1) Generator
- > (3) Pods with stands

> Model #: iHP [®] - 300	> Specifications
Generator	31" x 24" x 18", 87 lbs
Pods (3 included)	25" x 19" x 14", 40 lbs
Room Capacity	8000 cu ft in single cycle
Power Requirements	120 VAC (15 Amp)
SteraMist [™] Chemical Bottle (not included)	4 liter
Standard Air Pressure (pod nozzles)	25 psi (field adjustable)
Standard Liquid Flow	25 ml/min (field adjustable)